



#2

SEQUENCE LISTING

<110> Eckert, Deborah M.
Chan, David C.
Malashkevich, Vladimir
Carr, Peter A.
Kim, Peter S.

<120> Inhibitors of HIV Membrane Fusion

<130> 0399.1192-008

<140> US 09/746,724
<141> 2000-12-21

<150> PCT/US99/17351
<151> 1999-07-30

<150> US 60/043,280
<151> 1997-04-17

<150> US 09/062,241
<151> 1998-04-17

<150> US 60/094,676
<151> 1998-07-30

<150> US 60/100,265
<151> 1998-09-14

<150> US 60/101,058
<151> 1998-09-18

<150> US 60/132,295
<151> 1999-05-03

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20 25 30
Arg

004444-004444

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Trp Leu Cys

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Gln	Gln	His	Leu	Leu	Gln	Leu	Thr								
			20												

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<223> IQN24n

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Gln	Lys	Lys	Ile	Glu	Asn	Glu	Ile	Ala	Arg	Ile	Lys	Lys	Leu	Ile	Ser
			20					25					30		
Gly	Ile	Val	Gln	Gln	Gln	Asn	Asn	Leu	Leu	Arg	Ala	Ile	Glu	Ala	Gln
			35				40					45			
Gln	His	Leu	Leu	Gln	Leu	Thr									
			50			55									

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Trp Xaa Trp Leu

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 1 5

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 Region fo GCN4 in IQN17

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 1 5 10 15
 Lys Lys Ile Glu Asn Glu Ile Ala Arg Ile Lys Lys
 20 25

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 Thr

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top-24-26-27-28

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 Leu Cys Xaa Xaa
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Trp Xaa Trp Leu Cys Xaa Xaa

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Xaa
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 1             5             10             15
Xaa Xaa Xaa
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 1           5           10           15
Leu Cys Xaa Xaa Xaa
      20
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Ala Ala

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<223> D-peptide

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1 5 10 15
Ala Ala

<213> Artificial Sequence

<223> D-peptide

Lys Lys Gly Ala Cys Ser Arg Ser Gln Pro Glu Trp Glu Trp Leu Cys
1 5 10 15
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Lys Lys Gly Ala Cys Leu Leu Arg Ala Pro Glu Trp Gly Trp Leu Cys
1 5 10 15
Ala Ala

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<223> Invariant Residues in HIV-1, HIV-2 and SIV

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Xaa
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<220>
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Lys Lys Lys Lys Gly Ala Cys Gly Leu Gly Gln Glu Glu Trp Phe Trp
1 5 10 15
Leu Cys Ala Ala
20

<213> Artificial Sequence

<223> D-peptide

Lys Lys Lys Lys Gly Ala Cys Asp Leu Lys Ala Lys Glu Trp Phe Trp
 1 5 10 15
 Leu Cys Ala Ala
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<213> Artificial Sequence

<223> D-peptide

Gly Ala Cys Glu Leu Leu Gly Trp Glu Trp Ala Trp Leu Cys Cys
1 5 10 15

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Lys Lys Lys Lys Gly Ala Cys Ser Arg Ser Gln Pro Glu Trp Glu Trp
1 5 10 15
Leu Cys Ala Ala
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<213> Artificial Sequence

$\langle 220 \rangle$

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Leu Cys Ala Ala
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Leu Cys Ala Ala
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Ala Ala

<210> 56
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<221> VARIANT
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 Leu Cys Ala Ala
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100730-242920

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Leu Cys Xaa Xaa
          20
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1 5 10 15
Xaa

<220>
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 1             5             10             15
Xaa Xaa Xaa
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 1              5              10             15
Ala Ala
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[illegible]

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Ala Ala
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